

CZECH/34-59-6-7/23

Quality of Rimming Steels Produced in an Oxygen Blast Operated
Converter from Pig-Iron with a High P content

using a pig-iron with P contents of up to 0.80%. Although positive results were obtained, the authors emphasize that these were obtained from a small number of heats and, therefore, do not solve conclusively the problem of the quality of steel produced in oxygen blast operated converters from pig-iron of poorer quality. The experiments encompass three heats in 15 ton capacity basic converters (T1, T2, T3), three heats in basic 3 ton open-hearth furnaces (M1, M2, M3) and six heats (K1-K6) of steel produced with an oxygen blast 5 ton capacity converter. The chemical composition of the six grades of pig-iron used in the oxygen blast operated converters are entered in Table 1. The compositions of the steels of all the melts on which the comparative mechanical and technological tests were made are entered in Table 2, p 495. In Table 3 the nitrogen content of the test specimens is given. Table 4a gives the measured values of the yield point, strength, ductility and contraction. Table 4b gives data on the appearance of the fractures in impact strength tests. The impact strength values are entered in Table 5.

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Table 6 gives data on the austenitic grain size. Table 7 contains data of the micro-chemical analysis of the non-metallic admixtures. The data listed in the tables is also presented in the form of graphs. The comparative tests carried out with mild rimming steels produced in a basic open-hearth furnace, a basic converter and an oxygen blast operated converter led to the following conclusions:

- 1) The strength properties of oxygen blast and open-hearth steels differ. On the average the strength and yield point of the oxygen blast steel are about 4 kg/mm^2 lower, the contraction is about 7% higher and the ductility is about the same as for open-hearth steel. The basic converter steel had lower values of contraction and ductility and higher strength and yield point values.
- 2) The impact strength of oxygen blast and of open-hearth steels are similar in the natural state as well as after artificial ageing. In some cases the oxygen

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blast steel even had higher values. Steel produced in
a basic converter proved to be brittle after artificial
ageing and there was a drop in the impact strength at
low temperatures.

3) Oxygen blast steel showed a lower tendency to growth
of the gamma grains than steel produced in open-hearth
and basic converters. No substantial differences were
observed in the macro-structure of open-hearth and
oxygen blast steels.

4) The content of admixtures was lowest in the oxygen
blast steel and was about one-third higher in the
open-hearth steel and was more than twice as high in
the basic converter steel.

5) Comparative tests did not reveal any substantial
difference between the oxygen blast steel of the heat
K1, produced from open-hearth pig-iron and the other
oxygen blast heats in which pig with P contents of
up to 0.8% were used.

The achieved results indicate that oxygen blast
steel produced from pig-irons containing up to 0.8% P

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is equivalent to open-hearth steel.
There are 5 figures, 7 tables and 7 references,
1 of which is Czech, 1 French, 2 English, 3 Soviet.

ASSOCIATION: Výzkumný ústav hutnictví železa, Praha
(Ferrous Metallurgy Research Institute, Prague)

SUBMITTED: December 29, 1958

✓

Card 5/5

STROBMAYER, Janos

Work pledges by technical socialist brigades. Munka 14
no.5:11 My'64.

1. Brigade leader, National Association of Professional
Trades.

LUKACHEVSKIY, M.G.; STROBYKIN, N.S.

Casting of plungers into permanent and semipermanent molds.
Lit. proizv. no.12:37 D '64. (MIRA 18:3)

ROMANIA

STOICULESCU, M., Lt, STROCHI, Marilena, and CAZANARU, Elena
[affiliation not given]

"Concerning the Antispastic Activity of Two New Derivatives
in the Class of o-Aminoalkylated Aryl Urethanes."

Bucharest, Revista Sanitara Militara, Vol 62, No 1, Jan-Feb 66,
pp 139-142.

Abstract: The authors tested the antispastic activity against
carotic and acetylcholinic contractions of isolated rat duo-
denum of the two compounds commonly denoted as S15 and S17
and found both to be active. The compounds are N-4-(4'-chloro-
phenylsulphonyl)-phenyl-dimethylaminoethyl-urethane, and
N-(diphenylmethyl)-dimethylaminoethyl-urethane.

Includes one table, 6 figures and 4 references, of which
3 are Romanian and one British.

1/1

DERYABINA, V.I.; inzh.; MOROZOV, D.A.; TSARITSENKO, N.I.; STROCHILIN,
F.A.; VOL'SKIY, V.S., inzh.; VLADIMIROV, L.A., tekhn.
red.

[General time norms used in the machinery industry for
technical standardization of free hammer forging processes;
small lot and piece production] Obshchchemashino-
stroitel'nye normativy vremeni dlja tekhnicheskogo normi-
rovaniia rabot po svobodnoi kovke pod molotami; melko-
seriinoe i edinichnoe proizvodstvo. Moskva, Mashgiz, 1962.
107 p. (MIRA 15:7)

1. Moscow. TSentral'noye byuro promyshlennyykh normativov po
trudu. 2. Vsesoyuznyy proyektno-tehnologicheskiy institut
tyazhelogo mashinostroyeniya (for Deryabina, Morozov,
TSaritsenko, Strochilin, Vol'skiy). 3. Nachal'nik otdela
tekhnicheskikh normativov po trudu Nauchno-issledovatel'-
skogo instituta truda (for Vol'skiy).
(Forging—Production standards)

STROCHKOV, A.A., inzhener; TROITSKIY, M.D., inzhener.

Making metal strips for bracing the ends of ties. Zhel. dor.
transp. 38 no. 8180-81 Ag '56. (MLRA 9:10)

(Railroads--Ties)

DOBROSERDOV, A.A., inzhener; STROCHKOV, A.A., inzhener.

Mechanical snow removal from switch boxes. Zhel.dor.transp.
38 no.10:55-58 O '56. (MLRA 9:11)
(Railroads--Snow protection and removal)

MIKONI, V.V., inzhener; STROCHKOV, A.A., inzhener.

Reinforcing switches placed in the track. Put' i put. khoz. no.7:
31 Jl '57. (MIRA 10:8)

(Railroads--Switches)

STROCHKOV, A.A., inzh.

Improve the quality of rail switches. Put' i put.khoz.no.12:6
D '57. (MIRA 10:12)
(Railroads--Switches)

MIKONI, Vitaliy Vikent'yevich; STROCHKOV, Aleksey Afanas'yevich; SERGEYeva,
A.I., inzh., red.; VIKRINA, G.P., tekhn. red.

[Installation and maintenance of railroad switches] Ukladka i
soderzhanie streluchnykh perevodov. Moskva, Gos. transp. zhel-dor.
izd-vo, 1958. 213 p. (MIRA 11:?).
(Railroads--Switches)

STROCHKOV, A.A., inzh.

Maintenance of switches with pressed points. Put' i put.khoz.
no. 10:13-15 0 '58. (MIRA 11:12)
(Railroads--Switches)

STROCHKOV, A.A., inzh.; PETUKHOV, V.M.

Maintenance of leveling devices. Put' i put. khoz. no.5:23
My '59. (MIRA 12:8)

(Railroads--Track)

STROCHKOV, A.A., inzh.; POTAPOV, I.V., inzh.

Switch mechanism without a counterweight. Put' i put. khoz. no.8:27
Ag '59. (MIRA 13:3)
(Railroads--Switches)

RYBAKOV, A.K., inzh.; STROCHKOV, A.A., inzh.

Laying out crossovers. Put' i put.khoz. 4 no.3:23-24
Mr '60. (MIRA 13:5)
(Railroads--Switches)

TEYKOVSEV, N.D.; STROCHKOV, A.A.; FOTAPOV, I.V.

Hinged crank switch locks. Put' i put. knoz. 5 no. 7:18-19
J1 '61. (MIRA 14:8)
(Railroads--Switches)

STROCHIKOV, A. A., inzh.; SIMON, A. A., inzh.

Laying and maintenance of flat switch assemblies. Put' i put.
Khoz. 6 no.8:13-15 '62. (MIRA 15:10)

(Railroads—Switches)

BABITSKIY, B.L.; ROZENFEL'D, M.D.; MORGAYEV, V.N.; STROCHKOV, A.A.

Insulation of the connected bands. Put' i put.khoz. 7 no.7:34
'63. (MIRA 16:10)

STROCHKOV, A.F.

Improved design of switch assemblies. Put' i pat.khoz. 8 no.6;8-10
164. (MIRA 17x9)

СЕРГЕЕВ, А.А.

П-р в. make claims. But' i put. Aktoz, 3 no. 10:12-43 '64.
(MIRA 17:12)

.. Starshiy inzh. Glavnogo upravleniya puti i sooruzheniy.

STROTHKOV, A. V.

"Morphogenetic Processes at the Points of Growth of the Almond in Relation to Its Annual Life Cycle." Cand Biol Sci, Moscow State Pedagogical Inst, Moscow, 1953. (RZhBiol, № 4, Feb 55)

SC: Sum. No. 631, 26 Aug 55-Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (14).

STROCHKOVA, A.V.

Comparative study on the morphogenesis of reproductive buds
of the almond as related to the time of flowering of the
different varieties. Uch.zap.MGZPI 2:71-74 '59.
(MIRA 13:4)
(Almond) (Buds)

STROCHKova, A.V.

Using the morphophysiological method in studying the development of semidwarf trees. Uch.zap.MGZPI 2:75-89 '59.
(MIRA 13:4)

(Trees) (Almond)

STROCKYTE, T.

SCIENCE

PERIODICAL: DARPAI. SERIJA B. TRUDY. SERIJA B. No. 2, 1958

Strockyte, T. The self-coordinated Fock field in a multiconfigurational approximation for the negative ion of sodium. In Russian. p. 17

Monthly list of East European Accessions (EEAI) LC. Vol. 8, No. 2,
February 1959, Unclass.

STROCZYNsKA, Maria

Preliminary studies on adaptability of Nelson's, Les', and Pavlova's culture media for Entamoeba coli culture. Wiadomosci parazytol., Warsz. 4 no.3:197-205 1968

1. Z Zakladu Parazytologii Instytutu Medycyny Pracy i Higieny Wsi w Lublinie.

(BLD. KOBIA, culture, col; in Nelson-Les-Pavlova culture media for Entamoeba (Pol))

EXCERPTA MEDICA Sec 4 Vol 12/5 Med. Micro. May 59

1450. PRELIMINARY INVESTIGATIONS ON THE SUITABILITY OF NELSON'S MEDIUM, LES MEDIUM AND PAVLOV'S MEDIUM FOR E. COLI CULTURES Wstępne badania nad przydatnością pozywek Nelsona, LES i Pawłowej dla hodowli Ent. coli - Stroczyńska M. Zakt. Parazytol. Inst. Med. Pracy i Hig. Wsi, Lublin - WIAD. PARAZYT. 1958, 4/5 (197-205) Graphs 4 Tables 7

161 seedings were carried out from 142 persons. The Pavlov medium gave the highest percentage (30.8) and the longest period of culminant development. Addition of penicillin was advantageous. Nelson's medium proved quite unsuitable.

UMINSKI, Jerzy; STROCCZYNSKA, Maria

Examination of small mammals for trichinosis in the county of
Tomaszow Lubelski. Wiadomosci parazyt. 6 no.4:309-310 '60.

1. Z Zakladu Parazytologii Wiejskiej Instytutu Medycyny Pracy i
Higieny Wsi, Lublin, Polska.
(TRICHINOSIS epidemiol)

UMINSKI, Jerzy; TOS-LUTY, Sabina; STROCZYNSSKA, Maria; BAZYLSKA, Danuta

Studies on the animal toxoplasmosis reservoir by means of the
complement fixation test. Wiadomosci parazyt. 7 no.2:413-416 '61.

1. Zaklad Parazytologii Wiejskiej I.M.P.H.W., Lublin.

(TOXOPLASMOSIS immunol) (COMPLEMENT)

UMINSKI, Jerzy; GABINIEWICZ, Maria; STROCZYNSKA, Maria

Further studies on the complement fixation test with *Toxoplasma* antigen. *Wiadomosci parazytyczne*. 7 no.2:419-420 '61.

1. Zaklad Parazytologii Wiejskiej I.M.P.H.W., Lublin.

(COMPLEMENT) (TOXOPLASMA immunol)

TOS-LUTY, Sabina; UMINSKI, Jerzy; STROCZYNSSKA, Maria

Studies on toxoplasmosis found in workmen in slaughterhouses,
tanneries and in the rural population. Wiadomosci parazyty. 7 no.2:
445-447 '61.

1. Zaklad Parazytologii Wiejskiej I.M.P.H.W., Lublin.

(TOXOPLASMOSIS statist)
(OCCUPATIONAL DISEASES statist)

STROCZYNSSKA, Maria; SIKORSKI, Radzislaw; UMINSKI, Jerzy

Trichomoniasis in rural environment. Wiadomosci parazyt. 7 no.2:
453-456 '61.

1. Zaklad Parazytologii Wiejskiej Inst. Med. Pracy i Hig. Wsi i I
Klinika Chorob Kobiecych i Poloznictwa A.M., Lublin.

(TRICHOMONAS INFECTIONS statist)

STROCZYNSSKA, Maria; UMINSKI, Jerzy

Studies on the soil for the presence of geohelminths. Wiadomosci parazyt. 7 no.2:491-493 '61.

l. Zaklad Parazytologii Wiejskiej Instytut. Med. Pracy i Hig. Wsi, Lublin.

(SOIL parasitol) (HELMINTHS)

UMINSKI, Jerzy; CHRZASTEK-SPRUCH, Hanna; STROCZYNSKA, Maria

Medical and parasitological focus examination of country children
in the Lublin Province area. Wiadomosci parazytyczne. 7 no.2:495-498 '61.

l. Zaklad Parazytologii Wiejskiej Inst. Med. Pracy i Hig. Wsi,
Klinika Chorob Dzieci A.M., Lublin.

(HELMINTIASIS statist)

BARTOSZEWSKI, Adam, dr.; SIKORSKI, Radzislaw; STROCZYNSSKA, Maria; TOS-LUTY, Sabina; UMINSKI, Jerzy, dr.

Statistical presentation of results of the complement fixation test in toxoplasmosis. Acta parasit Pol 8 no.21/32:451-460, 1962

1. The I Clinic of Diseases of Women and Gynecology, Medical Academy in Lublin. Director: Liebhart, Stanislaw, dr. (for Bartoszewski and Sikorski). 2. Department of Rural Parasitology, Institute of Rural Medicine and Hygiene, Lublin. Director: Uminski, Jerzy, dr. (for Stroczyńska, Tos-Luty, Uminski).

CIRZASTEK-SPRUCH, Hanna; STROCZYNSSKA, Maria; SZAJNER-MILART, Irena,
UMINSKI, Jerzy.

Morphological picture of the peripheral blood of rural children
infected with parasites of the digestive system. Wiad. parazyt.
9 no. 6:535-543 '63

I. I Klinika Pediatriczna AM, Lublin, i Zaklad Parazytologii
Wiejskiej Instytutu Medycyny Pracy i Higieny Wsi im. Witolda
Chodzki, Lublin.

*

UMIĘCKI, Jerzy; STROCZYNIA, Maria

Studies on the focal incidence of toxoplasmosis and trichinosis
in the Ilawa region. Wiad. parazytol. 10 no.4:377-380 '64

1. Zaklad Parazytologiczny Wiejskiej Instytutu Medycyny Pracy i
Higieny Wsi, Lublin.

UMIŃSKI, Jerzy; SŁOŃCZYNSKA, Maria; WŁODKOWSKI, Henryk; CHRZĄSTEK-
SPRUCH, Halina

Further studies on the incidence of intestinal parasites in the
Lublin region. Wiad. parazytol. 10 no. 4:399-400 '64

1. Zakład Parazytologii Wiejskiej Instytutu Medycyny Pracy i
Higieny Wsi, Lublin, i Klinika Pediatriczna Akademii Medycznej,
Lublin.

SIROCZYSKA, Maria; SIKORSKI, Radosław; UMINSKI, Jerzy

Examination of women for Trichomonas vaginalis in rural foci of
infection. Wiad. parazytol. 10 no.1:33-40 '64.

I. Zakład Parazytologii Wiejskiej Instytutu Medycyny Pracy i
Higieny Wsi i Klinika Chorób Kotłeczych i Położnictwa Akademii
Medycznej, Lublin.

KRASKINA, N. A.; STROD, A. K.

Diagnostic value of the cytological picture of the foci of infection in pemphigus. Vest. ven. i derm. no.5:10-14 S-0 '55 (MIRA 9:1)

1. Iz mikrobiologicheskogo otdela (zav.-prof. N. M. Ovchinnikov) Tsentral'nogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta (dir. N. M. Turanov).
(PEMPHIGUS, diagnosis,
cytodiag. importance of cytol. picture of focus)

STROD, H. I.

136-1-4/20

AUTHORS: Benenson, V.D., Strod, A.P. and Lagernikov, G.N.
TITLE: Operating Results of the Zolotushinsk Beneficiation Works
under a Staged Flow Sheet (Rezul'taty raboty Zolotushinskoy
obogatitel'noy fabriki po stadal'noy skheme)
PERIODICAL: Tsvetnye Metally, 1958, No.1, pp. 16 - 18 (USSR)

ABSTRACT: The authors describe the staged concentration of complex copper-lead-zinc ores at the Zolotushinsk Beneficiation Works. The practice was developed by works personnel in close co-operation with the Uralmekhanobr Institute. Primary sulphides represent the greater part of the ore and consist of sphalerite, chalcopyrite and galenite; in addition to secondary sulphides and oxidised minerals, the ore contains soluble copper, zinc and iron salts, as well as small quantities of other materials. The dissemination of the sulphide minerals is non-uniform; the main losses of copper and lead in the zinc concentrates when the ore is ground to 90% - 74 μ occur as concretions. The staged grinding and flotation adopted are said to consist essentially of first-stage flotation at 42-50% - 74 μ to give a copper-lead concentrate with 20-26% Pb (recovery 60-70%), 10-14% Cu (recovery 40-50%) and 7-10% Zn (loss under 6-% of content in the ore); this is followed by a second-stage in which hydrocyclones and spiral classifiers are used. The characteristics of the two

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Operating Results of the Zolotushinsk Beneficiation Works under a
Staged Flow Sheet

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stages have been described previously (Ref.1). The authors show the flow sheet of the staged process as used since May 15, 1956 and tabulate comparative data on this and on the previously used selective-flotation scheme (Tables 1 and 2). Besides lowering the metal contents of the tailings, the adoption of the new scheme (with appropriate plant and organisational changes) is said to have led to a 7% increase in the weight of ore treated per unit time with a 35% decrease in costs per ton of ore. An editorial note points out that the higher lead recovery and decreased lead and copper losses in the tailings have taken place on account of the deterioration of the lead concentrate.

There are 1 figure, 2 tables and 1 Russian reference.

ASSOCIATION: Uralmekhanobr and the Zolotushinsk Beneficiation Works (Zolotushinskaya obogatitel'naya fabrika)

AVAILABLE: Library of Congress
Card 2/2

S/181/63/005/004/042/047
B102/B186

AUTHORS: Royzin, N. M., Mostovlyanskiy, N. S., and Strod, R. K.

TITLE: Heat conduction of indium

PERIODICAL: Fizika tverdogo tela, v. 5, no. 4, 1963, 1216

TEXT: Owing to the inconsistency of theoretical and experimental results for the thermal conductivity K of In, the temperature dependence of K was measured in the range from 40 to 150°C with 99.997% pure In. With an error of 7-8% the following value was obtained: $K = (0.170 \pm 0.015)$ cal/cm \cdot sec \cdot deg. This value is much higher than that previously published (0.0576 cal/cm \cdot sec \cdot deg) e.g. in Mechanical Engineering, 67, 196, 1945 or in the monograph "Indium" (The Indium Corporation of America, 1959). There is 1 figure.

SUBMITTED: December 3, 1962

Card 1/1

STROD, E.

Unflagging attention to the living conditions of workers. Sov.
profsoiuzy 5 no.1:50-54 Ja '57. (MLB 10:2)

1. Zamestitel' predsedatelya zavodnogo komiteta Rizhskogo elek-
trotekhnicheskogo zavoda "VTF".
(Riga--Welfare work in industry) (Trade unions)

STRGB, G. I.

"Osnovnye napravleniya v razvitiu etnografii Latvii."

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences,
Moscow, 7-10 Aug 64.

ROYZIN, N.M.; MOSTQVLYANSKIY, N.S.; STROD, R.K.

Heat conductivity of indium. Fiz. met. i metalloved. 15 no.5:
800 My '63. (MIRA 16:8)

(Indium--Thermal properties)

1. STRODA, S.
2. USSR (600)
4. Hydrophobia - Preventive Inoculation
7. Importance of high value nutrition in antirabic vaccination of dogs. Latv.PSK Zin Akad
Vestis N_o. 8 1951.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

STRODE, E. A.

✓ Alteration of the microflora of the intestine and of the bio-synthesis of vitamin B₆ in the digestive tract of calves with change of diet. E. A. Strode. *Trudy Inst. Mikrobiol., Akad. Nauk Latv. S.S.R.* 1958, No. 3, 51-6 (in Russian). — For the 1st month of life, calves were fed a milk diet contg 6 mg. vitamin B₆ a day. The next 2 months they received a mixed diet contg. 3.1 mg. a day. Vitamin B₆ was absent from the feces the 1st day, was present in traces the second, and the amt. present increased throughout the 3 months even after reducing the content in the food. The feces contained the following flora: (on milk and mixed diets, resp.) gram-pos. 87, 70%; gram-neg. 12, and 24%; enterococci 1, 6%. Grown on a synthetic medium of salts, all of the microorganisms isolated increased the amt. of vitamin B₆ in the medium, but *Escherichia coli*, *E. coli* var. *communior*, and enterococci were the most effective. John Howe Scott

STRODS, Eduard Yanovich; MYAGKOV, M.M., red.

[Competition in improving the standards of production organization] Sorevnovanie za povyshenie kul'tury proizvodstva. Moscow, Profizdat, 1963. 75 p. (MIRA 17:3)

1. Predsedatel' respublikanskogo komiteta profsoyuza rabochikh mashinostroyeniya Latviyskoy SSR (for Strods).

STRODS, H.

Latvian PSR Historical Museum during ninety years, 1869-1959.
Vestis Latv ak no.1:193-201 '60. (EEAI 9:11)
(Riga--Galleries and museums)
(Latvia--History)

STRODS, H.

3d Interrepublic Symposium on questions of the agrarian history of
Eastern Europe. Vestis Latv 'k no.2:173-176 '61.
(EEAI 10:9)

(Agriculture)

STRODS, H.

Interdistrict conference on regional study in Aluksne. *Vestis Latv
āk no.10:137-138 '61.*

(Latvia—History)

STRODS, H.

Land improvement in Latvia during the decline of feudalism
1780-1860 [in Latvian]. Vestis Latv ak no.11:29-36 '61.

1. Latvijas PSR Zinatnu akademija, Vestures instituts

STRODS, H.

Fourth Interrepublican Symposium on Problems of the Agrarian
History of Eastern Europe [in Latvian]. *Vestis Latv ak* no.12:
135-139 '61.

STREUS, H.

Sixth Interrepublic Symposium on Problems of the Agrarian History
of Eastern Europe. Izv. AN Latv.SSR no.1:113-115 '64.

(MIRA 17:4)

STroe, A,

RUMANIA/Analytical Chemistry - Analysis of Inorganic Substances. E-2

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 24752

Author : Pirtea, Th.I., Stroe, A.

Inst : -

Title : New Micro-Gravimetric Method for Determination of Zinc.

Orig Pub : Rev. chim., 1957, 8, No 6, 435-437

Abstract : Description of a method based on precipitation of Zn^{2+} with the Na-salt of mercaptobenzothiazole at room temperature. The precipitate is filtered off immediately, dried at 110° and weighed. The conversion factor is 0.1644.

Card 1/1

T

Country : RUMANIA

Category: Human and Animal Physiology. Internal Secretion.
Sexual Glands

Abs Jour: RZhBiol., № 19, 1958, 89114

Author : Serban, I.M.D.; Stroe, E.

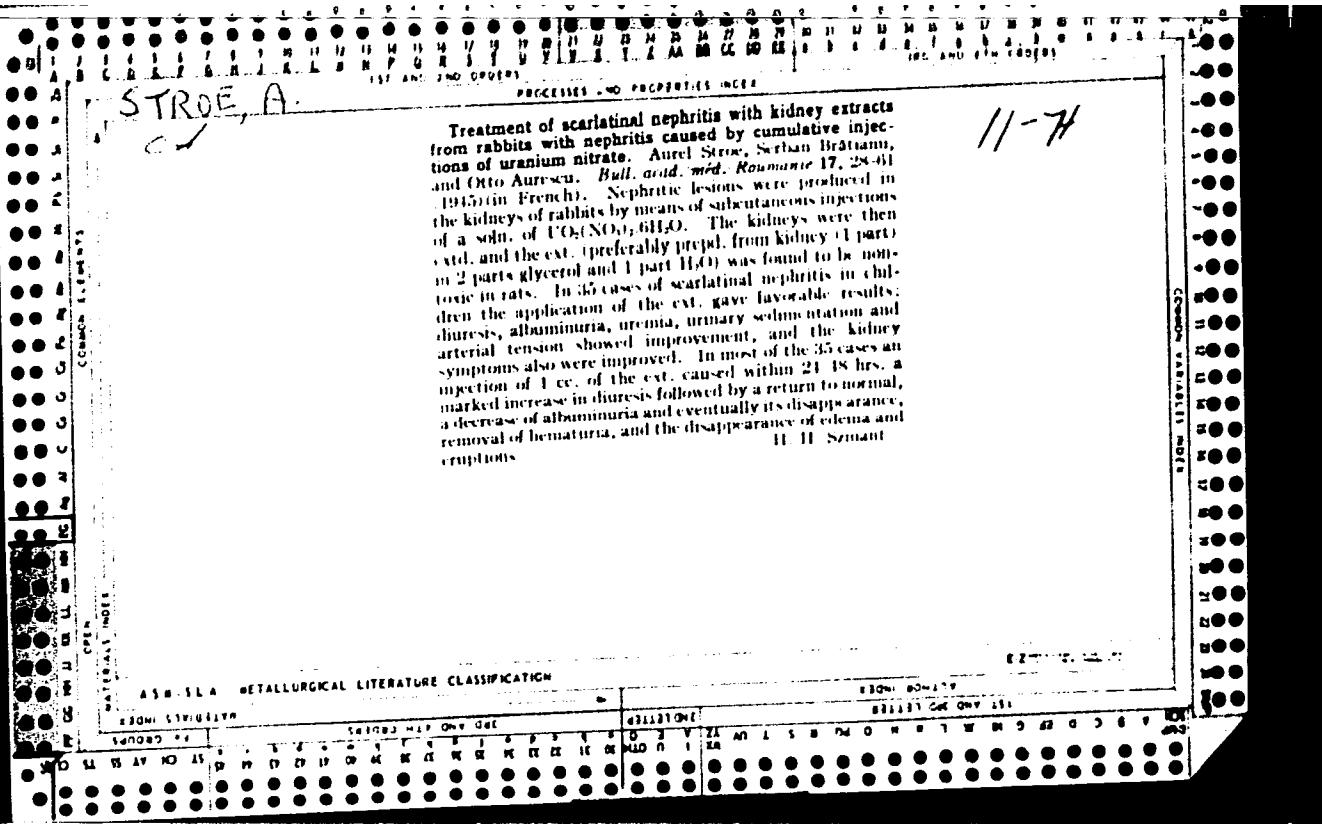
Inst : Romanian Academy

Title : The Action of Testolysate in the Menopause

Orig Pub: Studii si cercetari endocrinol. Acad. RPR, 1957,
8, No 3, 347-349

Abstract: No abstract.

Card : 1/1



STROE, A.; DRAGANESCU, State; HORNET, Th.; MARINESCU, G.

Measles encephalitis. Bul. stiint., sect. med. 6 no.3:629-652
July-Sept 54.

1. Comunicare presentata de O.Sager, membru corespondent al Academiei R.P.R. in sedinta din 21 decembrie 1951. Lucrarea face parte din problema neurovirozelor, data in studiu de Academiei R.P.R.

(ENCEPHALITIS

measles, pathol.)

(MEASLES, complications

encephalitis, pathol.)

EXCERPTA MEDICA Soc.7 Vol.10/3 Pediatrics March 56

569. STROE A., DRĂGĂNESCU S., HORNET Th. and MARINESCU G. Inst. de

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C. Oru,

Inframicrobiol., Acad. R. P. R., Inst. de Neurol. 'I. P. Pavlov', Sec. de copii a clin. de boli infecții. I. M. F., București. *Studiu asupra encefalitei scarlatinoase. Study of encephalitis as a complication of scarlet fever BUL. STIIN. AC. R. P. R. SECT. MED. 1955, 6/3 (629-652) Illus. 10 Among 16,437 cases, there were 17 with encephalitis, with a mortality of 35%. The complication appeared in the 12 days the disease lasted. The clinical forms observed were: encephalitis localized to the meso-diencephalic region (3 cases), meningeal haemorrhages (2 cases) and transient pyramidal syndrome (1 case). The anatomical aspect is that of serous and haemorrhagic encephalitis, with predominance of the lesions in the region drained by the veins of Galen; in cases with protracted course, perivascular and meningeal inflammatory processes were seen to appear. It is believed that in encephalitis as a complication of scarlet fever importance is attached to a toxin associated with a virus.

Marinescu - Bucharest (XX, 7, 8)

SERBAN, Al.M.D.; STROE, Emilia; KLEPSCH, Iulia; BUSILA, Eugenia;
GAROIU, M.

Hormonal data in mastopathies. Stud. cercet. endocr.
14 no. 3:399-403 '63.

(BREAST DISEASES) (ESTROGENS)

WOLFSHAUT, C.; IONESCU, D.; CRISTOVEANU, Ana; STROE, Emilia; BUSILA, Eugenia;
SAVESCU, Gh.; GALU, Sanda; MITRACHE, Ludmila.

Problems concerning a case of hyperadrenocorticism. Stud. cercet.
endocr. 13 no.5:699-702 '62.

(ADRENAL CORTEX HYPERFUNCTION) (ADRENOCITAL SYNDROME)

SERBAN, AI. M.D.; KLEPSCH, Iulia; STROE, Emilia; BUNEA, Minodora

The action of 4-chlorotestosterone acetate on neurovegetative
disorders of the climacteric. Stud. cercet. endocr. 15
no.1:63-67 '64.

SERBAN, Al.M.D.; CUPCEANU, B.; KLEPSOH, Iulia; STROE, Emilia

Clinical results after administration of lynestrenol with
methoxy-ethinylestradiol. Stud. cercet. endocr. 15 no.5:
475-479 '64.

SERBAN, Al. M.D.; STROB, Emilia; KLEPSCH, Iulia; CRISTOVEANU, Ana

Hormone elimination in asymptomatic climacteric. Stud. cercet.
endocr. 15 no.6:573-577 '64.

WOLFSHAUT, O.; DANIELA-SUSTER, Aneta; GHENTU, Em.; STROE, Emilia; TACHE, Alina; KLEPECH, Iulia.

In a case of mastopathy in the post-climacteric period. Stud. cercet. endocr. 15 no.6:579-582 '64.

MILCU, St.-M.; DRAFTA, Denise; MAICANESCU, Madeleine; TACHE, Alina;
CIOCIRIA, Cezarina; STOE, Emilia; OPRESCU, Maria; GHEIU,
Eugeniu; CRISTOVEANU, Anna

Functional capacity of Leydig cells studied with the Jayle test
in several testicular syndromes. Stud. cercet. endocr. 15 no.6:
555-562 '64.

POLAND/Chemical Technology. Chemical Products and Their
Application. Part 2. - Ceramics. Glass. Binders.
Concretes. - Ceramics.

H

Abs Jour: Ref. Zhurnal Khimiya, No 21, 1958, 71488.

Author : Regina Stroemich.

Inst :

Title : Control of Production Quality at China Factories.
(Discussin Paper).

Orig Pub: Szklo i ceram., 1958, 9, No 4, 109-113.

Abstract: A reorganization of the technical control (TC) at
china factories in accordance with the production
quality is proposed. The proposed reorganization
is based on the delivery (selling-buying) of the
production from the molding shop to the kiln shop,
and from the kiln shop to artists' shop, the sort-

Card : 1/2

39

STROEMICH, Regina

Operation analysis of firing departments of table chinaware factories. Szklo 13 no.4:107-111 Ap '62.

1. Instytut Ekonomiki i Organizacji Przemyslu, Wroclaw.

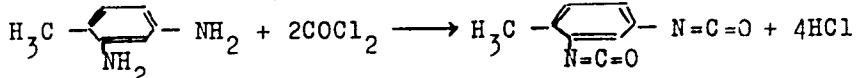
S/064/61/000/001/004/011
B110/B215

AUTHORS: Khmel'nitskaya, I. L., Gutorko, A. V., Shikhireva, L. I.,
Stroyesku, A. K.

TITLE: Technological problems of synthesizing 2,4- and 2,6-toluylene diisocyanate

PERIODICAL: Khimicheskaya promyshlennost', no. 1, 1961, 18-21

TEXT: Diisocyanates required for the production of polyurethane, such as 2,4-toluylene diisocyanate and a mixture of 2,4- and 2,6-diisocyanates, are commercially produced in the following way:



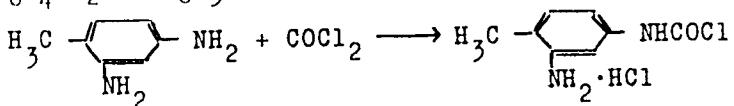
By applying the continuous method, the yield is increased from 65% to 80% as compared to the periodic method. Time-consuming cleaning of the apparatus becomes necessary due to the formation of adhesive resins in the reaction. The authors studied the influence of various factors on diisocyanate and the formation of resin, and the possibilities of using

Card 1/6

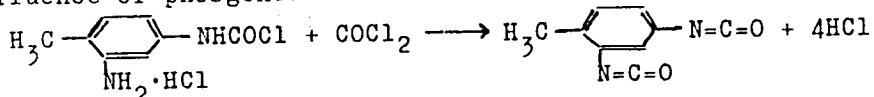
S/064/61/000/001/004/011
B110/B215

Technological problems of...

up and removing resin residues for improving the above method. To eliminate side reactions, phosgene treatment is first carried out at low temperatures (0 to 5°C). To eliminate the formation of urea derivatives, toluylene diamine is added to a solution of excessive phosgene in o-C₆H₄Cl₂ or C₆H₅Cl. The following reaction takes place:



By a temperature increase to more than 100°C, diisocyanate forms under the influence of phosgene:



The authors studied the addition of toluylene diamine dissolved (I) or suspended (II) to an inert solvent during the continuous method. In (I) the diamine was dissolved in C₆H₅Cl, heated to 90 to 95°C, and added to the solution of phosgene in C₆H₅Cl which had been cooled down to -10°C.

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B110/B215

Technological problems of...

In (II), diamine dissolved in C_6H_5Cl was cooled down to $0^{\circ}C$ under constant stirring. The limpid liquid changed into a coarse suspension which was pulverized in the ball mill for 7-8 hr. Degree of dispersion and homogeneity of the suspension were studied under the microscope. At $0^{\circ}C$, the suspension was added to the $-10^{\circ}C$ solution of phosgene; this caused a rise in temperature of up to $-5^{\circ}C$. In (I) and (II), phosgene treatment was continued at $120^{\circ}C$. The process was finished after the residue had disappeared. HCl and $COCl_2$ were blown off by N_2 , and solvent and diisocyanate were separated by fractionation. The isocyanate groups of the final product were determined by condensation of diethylamine. The nitrogen content of the resin was microanalytically determined according to Dumas. In solution (I) larger solid particles formed in the first part of phosgene treatment, due to partial overheating. For suspension (II), the dependence of resin formation on the size of particles is given in a table. With particle sizes $< 10\mu$, the suspension contains no larger solid particles, and the formation of resin is reduced to 15%, as compared to 22 to 32% in solution (I). Aqueous grinding therefore yielded a sufficient degree of dispersion and particle homogeneity at high suspension density. The

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Technological problems of...

decomposition of the resin particles into toluylene diamine can only be carried out with aqueous alkali and under pressure, whereas they can be transformed into diisocyanate by distillation at 215°C and 1 to 80 mm Hg in high-boiling naphthene oil. For the latter process, however, an oil that is stable up to 300°C, a high vacuum, and filtering are required. The authors worked without solvents. After the distillation of diisocyanate at 105 to 107°C and 3 to 7 mm Hg, 16.5% of N₂ were microanalytically determined in the resin residue (38 to 40 percent by weight of the distilled diisocyanate) according to Dumas. Diisocyanate vapors were separated from the residue in the vacuum apparatus at 3 to 7 mm Hg and slowly increasing temperature. At 170 to 180°C it puffed up and hardened. Vapor separation stopped between 280 and 300°C. The residue, a dry, brittle, porous substance, was easily removable after cooling it in the N₂-current. Its nitrogen content was 16.4%. The authors assume that the original residue, besides the not distilled monomers, also contained the following dimer:

Card 4/6

STOIA, I., dr.; STROESCU, C., dr.; NITESCU, S., dr.

Early diagnosis and atypical forms of chronic evolutive polyarthritis.
Med. intern., Bucur 12 no.12:1857-1866 D '60.
(ARTHRITIS, RHEUMATOID, diagnosis)

MARINESCU, G. [Marinescu, G.]; SHTARK, M. [Stark, M.]; TEYNDEL, K.
[Teindel, K.]; KUCHURYANU, S. [Cuciureanu, S.]; STROYESCU, K.
[Stroescu, C.]; SANDULESKU, T. [Sandulescu, T.]

Case of acute myopathy in influenza; recovery. Vop.virus. 7
no.6:739 N-D '62. (MIRA 16:4)

1. Virusologicheskiy institut Akademii nauk Rumynskoy Narodnoy
Respubliki i Bukharetskaya klinika infektsionnykh bolezney.
(MUSCLES—DISEASES) (INFLUENZA)

NICOLAU, Claude; HORER, Oswald; THOMAS, Ernest; STROESCU, Eugenia
PASCARU, Iancu

Free radicals in enzymatic reactions. Pts. 1-2. Rev chimie
Rom 9 no. 4:319-329 Ap '64.

1. Research Center of the Ministry of Health, Bucharest.

NICOLAU, Cl.; HORER, O.; THOMAS, E.; STROESCU, E.; PASCARU, I.

Free radicals in enzymatic reactions. Pt.1. Studii cerc chim
12 no. 4:319-323 Ap '64.

1. Research Center of the M.S.P.S.

NICOLAU, C.I.; THOMAS, E.; HORER, O.; STROESCU, Eugenia.

Free radicals in enzymatic reactions. Pt. 2. Studii cerc
chim 12 no. 4:325-329 Ap '64.

1. Research Center of the M.S.P.S.

RUMANIA

NICOLAU, Cl., Conf. Dr., TOMAS, E.; OLINESCU, R.; CHRISTEA, Al., CONSTANTIN-NESCU, Rodica; and STROESCU, Eugenia

"Activity of 2-Methyl-1, 4-Naphthoquinone Sodium Bisulfite(Vitamin K3) on Some Redox Enzymes"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 389-393

Abstract: In vitro studies to pinpoint mode of radiosensitizing effect of Vitamin K3 in study with ceruloplasmin, catalase, peroxidase, d-amino-acid oxidases. Results indicate that K3 vitamin has profound effect inhibiting or potentiating the enzymatic activities depending on its concentration. This is probably the mode of action of Vitamin K3 as radiosensitizer.

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RUMANIA

NICOLAU, Cl., Conf. Dr.; NICOLAU, Elena; CRISTEA, Al.; MURESAN, V.; VOICU, V..
Lieutenant-Major, Medical Corps; and STROESCU, Eugenia

"Influence of Ionizing Radiation on Epinephrine and Norepinephrine"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 492-497

Abstract: Study on mice, dogs and rats with irradiated or normal epinephrine
or norepinephrine: LD₅₀, effect on rats duodenal strips, pressor response.
Toxicity, vasopressor effect and beta-adrenolytic effects all increased
following irradiation, corresponding to electron charge of hydroxyl groups
and amine groups. 4 tables.

RUMANIA

NICOLAU, Cl., Conf. Dr.; MAURESAN, V.; CHRISTEA, Al.; NICOLAU, Elena; MIU, C., Lieutenant-Colonel, Pharmacist; VOICU, V., Lieutenant-Major, Medical Corps; and STROESCU, Eugenia.

"Correlation Between Changes in Structure and Changes in Pharmacodynamic Activity of Acetylcholine and Some Derivatives of Irradiated Compounds"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; p 498

Abstract: X-irradiation with 10^5 , 2×10^5 , 5×10^5 r of acetylcholine, acetylcholine iodide, benzenesulfonate and paratoluene-sulfonate of acetylcholine; paramagnetic resonance spectral calculation of density of labile electrons were correlated with nicotinic effect changes.

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- 63 -

MARINESCU, G.; PREDESCU, I.; PAVEL, A.; STROESCU, G.

On encephalitis in infectious mononucleosis. Stud. cercet.
inframicrobiol. 14 no.1:55-59 '63.

1. Comunicare prezenta la cel de-al II-lea Simpozion romano-bulgar
asupra encefalitelor actuale, Sofia.
(INFECTION MONONUCLEOSIS) (ENCEPHALITIS)

SIROESCU, G.

Method of staining bacilli belonging to the group
Mycobacterium tuberculosis in tissues. p. 1009
Academia Republicii Populară Române. COMUNICIRILE.
Bucuresti.
Vol. 5, no. 6, June 1955

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 5, No. 12, December 1956

VASILESCU, C.,; STROESCU, G.,; MIRZA, E.,; POPA-MEREANTIU, Fl.,; CARP,N.

Histopathological study of the evolution of experimental meningeal tuberculosis in untreated dogs treated with streptomycin and with combined sulfo-salicylate, allylthiocyanate and streptomycin.
Bul. stiint., sect.med. 7 no.3:901-931 July-Sept 55

(TUBERCULOSIS, MENINGEAL, experimental
eff. of streptomycin alone & with allylthiocyanate &
sulfo-salicylate)
(STREPTOMYCIN, eff.
on exper. meningeal tuberc., with allylthiocyanate &
sulfo-salicylate)
(SALICYLATES, eff.
sulfo-salicylate, on exper. meningeal tuberc., with
streptomycin & allylthiocyanate)
(THIOCYANATES, eff.
allylthiocyanate, on exper. meningeal tuberc., with
streptomycin & sulfo-salicylate)

VASILESCU, G.; STROESCU, Gh.; MIRZA, E.; NEREANTIU, Fl.; CARP, N.

Latent form of experimental canine bacillary meningitis; study of pathogenesis of tuberculomas. Stud. cercet. inframicrobiol., Bucur. 7 no.1-2:137-158 Jan-June 56.

(TUBERCULOSIS, MENINGEAL, experimental latent form, in dogs, pathogen. of tuberculomas)

(TUBERCOLOMA, experimental pathogen. in latent form of canine meningeal tuberc.)

STOIA, I.; STROESCU, O.; STROESCU, I.

Considerations on three cases of Morquio's disease. Rumanian med.
rev. no. 2:41-44 '62.
(ECCENTRO-OSTEOCHONDRODYSPLASIA)

STOIA, I., dr.; STROESCU, O., dr.; STROESCU, I., dr.; STANESCU, P., dr.;
BOICESCU, L., dr.

Considerations on hypercholesteremic xanthomatosis with locomotor
manifestations. Med. intern. 14 no.8:977-984 Ag '62.

1. Lucrare efectuata la Centrul metodologic de reumatologie, Bucuresti.
(HYPERCHOLESTEREMIA) (XANTHOMATOSIS)
(TENDONS) (JOINT DISEASES)

STROESCU, I. [deceased]; MARINESCU, A.

Experimental studies on the subsonic wind tunnel of the Traian Vuia
Institute of Applied Mechanics, Rumanian Academy. Studii cerc nec
apl 12 no.4:909-922 '61.

(Wind tunnels)

STOIA, Ion; STROESCU, Ion

Considerations on the recuperation of physically weakened
rheumatic patients. Probl. reumat., Bucur. no.6:65-75 '59.
(RHEUMATISM rehabilitation)
(EXERCISE THERAPY)

STOIA, I., conf.; STROESCU, O.; STROESCU, I.

Sympathetic algodystrophies of the extremities. Med. intern.,
Bucur 12 no. 9:1295-1302 S '60.
(EXTREMITIES, diseases) (NEUROLOGY)

STOIA, I., dr.; STROESCU, O., dr.; STROESCU, I., dr.

Considerations on 3 cases of Morquio's disease. Med. intern. 13
no.12:1691-1698 D '61.
(ECCENTRO-OSTEOCHONDRO-DYSPLASIA)

STOIA, I., dr.; STROESCU, I., dr.; STROESCU, O., dr. SZIFFERT, C., dr.

Spondyloses in the construction industry. Med. intern. 14 no.7:

807-812 J1 '62.

(SPINAL DISEASES) (ARTHRITIS, RHEUMATOID) (OCCUPATIONAL DISEASES)
(INDUSTRIAL MEDICINE) (BACKACHE)

STOIA, I., dr.; STROESCU, O., dr.; STROESCU, I., dr.

Early diagnosis of spondylosis. Med. intern. 14 no.7:843-848 Jl
'62.

(SPINAL DISEASES)

STOIA, I., dr.; STROESCU, Ortansa, dr.; STROESCU, I., dr.; STANESCU, P., dr.;
DIMITRIU, Mariana, dr.

Considerations on the association of Paget's disease with chronic
evolutive polyarthritis. Med. intern. 15 no.1:59-67 Ja '63.

1. Lucrare efectuata la Centrul metodologic de reumatologie, Bucuresti.
(OSTEITIS DEFORMANS) (ARTHRITIS, RHEUMATOID)

STOIA, I. dr.; VAINER, C. dr.; STROESCU, I. dr.; NEGOESCU, M. dr.

Clinical and therapeutic considerations on 450 cases of lumbosciatica. Med. intern. (Bucur.) 16 no. 6:659-664 Je'64

1. Lucrare efectuata la Centrul metodologic de reumatologie, Bucuresti (director: dr. I. Stoia).

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653530007-1

Approved for release under the Access to Information Act pursuant to the authority delegated to me by the Minister of National Defence. Date: 2007-01-29
Signature: [Redacted]

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653530007-1"

STIEBER, C., dr.; STROESCU, I., dr.

Investigations concerning the excretory function of the parotid.
I. Urea discharge in normal and pathological conditions. Stomatologia (Bucur) 12 no.2:127-132 Mr-Ap'65.

1. Lucrare efectuata in Clinica de chirurgie bucomaxilofaciala,
Institutul medico-farmaceutic, Bucuresti (seful clinicii: prof.
Valerian Popescu).

HAGI-PARASCHIV, A., assist. prof.; SIMIONESCU, Vasilica; NICULESCU, St. I.;
JOANDREA, Claudia; RADU-LEAHU, Sorina; STROESCU, N.

Histologic data on the macula densa in the nephron. Rumanian M Rev.
no.4:9-14 '61.

(KIDNEY anat. & histol.)